

25X1

25X1

CENTRAL INTELLIGENCE AGENCY  
INFORMATION REPORT

This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

25X1

SECRET

COUNTRY	East Germany / China	REPORT	
SUBJECT	Offer of an East German Cathode Ray Oscillograph for Sale to China	DATE DISTR.	10 December 1954
DATE OF INFO.		NO. OF PAGES	2
PLACE ACQUIRED		REQUIREMENT	
		REFERENCES	

This is UNEVALUATED  
Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.  
THE APPRAISAL OF CONTENT IS TENTATIVE.  
(FOR KEY SEE REVERSE)

1. The East German Electrotechnical Trade Organization (DIA Elektrotechnik) made the following sales offer to the China National Metals and Electrical Supplies Import Corporation, Peiping, China, in a letter dated 25 August 1954:

1 Cathode ray oscillograph, type HF-2399c	36,685.00	rubles	
1 Set of spare tubes	2,006.20	"	
1 Photographing device	272.00	"	
Total:	38,963.20	rubles	25X1

Quotations: FOB Gdynia  
Time of delivery: December 1954  
Supplier: VEB Werk fuer Fernmeldewesen HF, Berlin-Oberschoeneweide  
Payment: According to existing trade agreements

2. Technical characteristics of the cathode ray oscillograph, HF-2399c, are:

Maximum recording speed: 5,000 km/sec. With one adjustable diffraction of time of  $8.10^{-9}$  to  $1.10^{-6}$  seconds for 1 cm length of the screen, rapidly moving electric processes can be examined.

The device is equipped with both automatic and manual controls.

The oscillograph is panel-mounted. The three power supplies of the mains set, the release impulse set, and the tilting set are drawer-shaped and may be easily removed.

Peak voltage of measuring plates:	approximately 2 kv
Control voltage for release impulse set:	equal to or higher than 100 v
Delay of release:	approximately $6.10^{-8}$ seconds
Recharging time between two discharges:	approximately 1 second
Sensitivity of measuring plates:	approximately 0.04 mm/v
Sensitivity of time plates:	approximately 0.04 mm/v

SECRET

STATE	#X	ARMY	#X	NAVY	X	AIR EV	#X	FBI		AEC		OSI EV	X		
-------	----	------	----	------	---	--------	----	-----	--	-----	--	--------	---	--	--

25X1

(NOTE: Washington distribution indicated by "X"; Field distribution by "#")

**SECRET**

- 2 -



25X1

**Diffraction of time for 1 cm length on screen:**

quickest time of deflection: equal to or less than about  $8.10^{-9}$  seconds  
slowest time of deflection : equal to or more than about  $1.10^{-6}$  seconds

**Power input:** approximately 350 va  
**Connected voltage:** 110-127 v or 220 v, 50 cycles  
**Dimensions:** height: approximately 1,140 mm  
width : " 500 mm  
depth : " 940 mm  
**Weight:** approximately 100 kg



25X1

**SECRET**